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It was also—

Resolved: That WM. M. PIERSON be and is hereby elected an Honorary Member of this Society. Mr. PIERSON returned his grateful thanks for the honor conferred upon him, but, for reasons satisfactory, begged to resign his honorary membership, and his resignation was accordingly accepted.

It was, on motion—

Resolved: That the President be empowered to appoint a Committee for the purpose of raising the necessary funds for the purchase of a telescope and the building of an observatory in San Francisco.*

Adjourned.

ANNUAL MEETING OF THE ASTRONOMICAL SOCIETY OF THE
PACIFIC, HELD IN THE LECTURE-HALL OF THE CALI-
FORNIA ACADEMY OF SCIENCES, MARCH 26, 1892.

The meeting was called to order by President PIERSON. The minutes of the last meeting were approved. The Secretary read a list of presents received since the last meeting and the thanks of the Society were voted to the givers. It was *voted* that the thanks of the Society be returned to the California Academy of Sciences for the use of their lecture-hall. A list of thirty-two new members duly elected at the Directors meeting was read to the meeting.

The following papers were presented:

1. Annual Address by the retiring President, Hon. WM. M. PIERSON, San Francisco.
2. The Sun's Motion in Space, by W. H. S. MONCK, Dublin.
3. How to find Celestial Objects with an Equatorial Telescope without the Aid of a Sidereal Time-piece, by CHAS. BURCKHALTER, Oakland.
4. Astronomical Observations in 1891, by TORVALD KÖHL, Odder, Denmark.
5. The Harvard College Observatory Astronomical Expedition to Peru, by Mrs. M. FLEMING, of Cambridge.
6. Discovery of New Rills on the Moon on Lick Observatory Negatives, by Prof. L. WEINEK, of Prague.

The Committee on Nominations reported a list of names proposed for election, as follows:

For Directors: Messrs. ALVORD, CAMPBELL, HILL, HOLDEN, CAMILO MARTIN, MOLERA, PIERSON, SCHAEBERLE, SOULÉ, VON GELDERN, ZIEL.

For Committee on Publication: Messrs. HOLDEN, CAMPBELL, YALE.

Messrs. J. COSTA and L. H. PIERSON were appointed as tellers. The polls were open from 8.15 to 9 P. M., and the persons above named were duly elected.

* The following have been appointed: Messrs. PIERSON, MOLERA, ALVORD and Miss O'HALLORAN.

Publications of the

Report of the Committee on the Comet-Medal:

REPORT OF THE COMMITTEE ON THE COMET-MEDAL, SUBMITTED
MARCH 26, 1892.

The Comets of 1891 have been

Comet *a*; (unexpected comet) discovered March 29, 1891;

b; (WOLF's periodic comet) re-discovered May 3, 1891;

c; (ENCKE's periodic comet) re-discovered August 1, 1891;

d; (periodic comet of TEMPEL, 1869, III; of SWIFT, 1880, IV) re-discovered September 27, 1891;

e; (unexpected comet) discovered October 3, 1891.

It is a noteworthy fact that all the comets of 1891 were first seen by Professor E. E. BARNARD at the Lick Observatory. Of the five comets of the year, Comets *a* and *e* were unexpected and medals have been awarded to Professor BARNARD for their discovery in accordance with the regulations.

Rules adopted by the Comet-Medal Committee for its own guidance.

In addition to the Regulations for the bestowal of the Comet-Medal of the Astronomical Society of the Pacific (printed in these *Publications*, vol. III, pages 145, 146) the Committee has adopted the following rules for its own guidance.

- I. All dates referring to comet discoveries, etc., shall be expressed in Greenwich mean time.
- II. The annual report of the Committee to the Society shall refer to and include the official actions of the Committee for the last *calendar* year only.

Respectfully submitted,

EDWARD S. HOLDEN,	} <i>Committee on the Comet-Medal.</i>
J. M. SCHAEFERLE,	
CHAS. BURCKHALTER,	

The Report was adopted and ordered filed.

POSTSCRIPT: The above report was submitted to the Society as printed. It is, however, erroneous in one important particular and the Committee takes the first opportunity to correct it and to apologize for the mistake. Comet *b* was observed by Dr. R. SPITALER at Vienna on May 1; but, owing to cloudy weather, the observation was not verified by him till June 1. In the meantime Professor BARNARD independently discovered the comet on May 3. Dr. SPITALER's observation was printed in the *Astronomische Nachrichten*, no. 3042, which only reached California at the end of June, and was then overlooked. The re-discovery of Comet *b* should therefore have been also credited to Dr. SPITALER in the foregoing report, and the Committee regrets that this was not done at the proper time. In order to make the history of the Comets of 1891 more complete it might be added that Mr. W. F. DENNING, of Bristol, independently found Comet *a* one day after it had been discovered by Professor BARNARD, and Comet *d* three days subsequently to the discovery.

The Treasurer read his annual report as follows:

Astronomical Society of the Pacific.

91

ANNUAL STATEMENT OF THE RECEIPTS AND EXPENDITURES OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC FOR THE FISCAL YEAR ENDING MARCH 26TH, 1892.

GENERAL FUND.

Receipts.

Cash Balance March 28th, 1891.....		\$ 744 65
Received from dues.....	\$3,320 86	
“ “ sale of publications.....	55 19	
“ “ Montgomery Library Fund.....	9 84	
“ “ Life Membership Fund (interest).....	11 12	
	<u>\$3,397 01</u>	
Less transfer to Life Membership Fund.....	699 83	2,697 18
		<u>\$3,441 83</u>

Expenditures.

For publications	\$1,280 72	
“ general expenses	1,209 91	\$2,490 63
Cash balance March 26th, 1892.....	<u>951 20</u>	
		<u>\$3,441 83</u>

LIFE MEMBERSHIP FUND.

Received from General Fund.....	\$699 83	
“ “ interest	11 12	
	<u>\$710 95</u>	
Less interest transferred to General Fund	11 12	
Cash balance March 26th, 1892.....	<u>699 83</u>	

DONOHUE COMET-MEDAL FUND.

Cash balance March 28th, 1891.....	\$527 35	
Interest	28 84	
Cash balance March 26th, 1892.....	<u>\$556 19</u>	

ALEXANDER MONTGOMERY LIBRARY FUND.

Cash balance March 28th, 1891.....	\$1,590 11	
Interest	85 14	
	<u>\$1,675 25</u>	
Expended for books and binding.....	\$31 60	
Payment to General Fund	9 84	41 44
Cash balance March 26th, 1892.....		<u>\$1,633 81</u>

FUNDS.

General Fund. Balance on deposit with Grangers Bank..	\$ 951 20	
Life Membership Fund. Balance on deposit with San Francisco Savings Union.....	699 83	
Donohoe Comet-Medal Fund. Balance on deposit with San Francisco Savings Union.....	556 19	
Alexander Montgomery Library Fund. Balance on deposit with San Francisco Savings Union	\$838 60	
Alexander Montgomery Library Fund. Balance on deposit with German Savings and Loan Society.....	795 21	1,633 81
		<u>\$3,841 03</u>

F. R. ZIEL, *Treasurer.*

SAN FRANCISCO, March 26th, 1892.

The Committee appointed to audit the Treasurer's accounts reported as follows, and the report was accepted and adopted and the Committee discharged.

To the President and Members of the Astronomical Society of the Pacific:

GENTLEMEN—Your Committee appointed to audit the accounts of the Treasurer, have made an examination of said accounts from the commencement of his term to the present date and find them correct.

(Signed) M. M. O'SHAUGHNESSY,
OTTO VON GELDERN,
FREDK W. ZEILE.

SAN FRANCISCO, March 26th, 1892.

The President then read his annual address. On motion the thanks of the Society were returned to Secretary CHARLES BURCKHALTER for the able and conscientious manner in which he has performed the duties of Secretary of the Society for the last three years. The thanks of the Society were voted to the retiring Officers and Directors.

The meeting then adjourned.